

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF PURCHASING AND SUPPLY
SPECIFICATIONS FOR RIDING SELF PROPELLED LITTER VACUUM**

PURPOSE:

The purpose of this specification is to establish a purchase requirement for a self propelled riding litter vacuum machine for use by the Thomas Nelson Community College, Agencies, and other Public Bodies of the Commonwealth of Virginia for use in general litter control.

SCOPE:

This specification describes a quantity of one (1) vacuum operated cleaning machine to meet the litter collection requirements of the Thomas Nelson Community College (TNCC), and to provide delivery of the vacuum machine to the designated receiving location.

The following specifications are intended to define the minimum level of quality and performance of the requested product and not meant to be restrictive by manufacturer, brand, method of configuring a system, and method of accomplishing required functions, unless otherwise indicated, and are meant to be met or exceeded. All equipment bid may be the brand name and model, or shall be **equivalent** to brand names and/or any other specification elements using the **Use of Brand Names** clause (see General Terms and Conditions) in making an equivalence determination. The word "shall" indicates a mandatory requirement. **Bidders shall annotate and return these specification pages to indicate compliance.** A blank line in the right column across from a specification item shall indicate compliance to the specification requirement.

BIDDER REQUIREMENTS:

The product offered in answer to this request for bid must be suitable for the purpose intended, as a self propelled riding vacuum litter collection machine, and provided with all features that meet the specifications requirements.

The equipment offered in answer to this request for bid must be a new and unused current production model of the equipment required. No prototype, or demonstrator, or rebuilt product will be accepted, and offering of such a product will be cause for bid rejection.

Bidders/Vendors shall submit complete technical data of the product being offered, with an itemized comparison of the product offered with these specifications. Bidders/Vendors shall indicate equivalence or where the proposed product exceeds specification requirements, or comments, on the specifications form next to each specification item using the lines provided across from the specification items. Bidders/Vendors shall indicate any deviations with appropriate reasons and documentation. The Commonwealth reserves the right to obtain technical data and to request clarification when deemed necessary. **Failure on the part of the bidder/Vendor to provide all requested documentation may be cause to reject the bid/request as non-responsive.**

Deliver the vacuum machine to Thomas Nelson Community College, Plant Services Building, 99 Thomas Nelson Drive, Hampton, VA 23666, between 9:00 AM and 4:30 PM Monday thru Friday. Contact Deborah Moses at (757) 825-2821 not less than 48 hours prior to delivery. Provide delivery lead time after receipt of order (ARO), in the "DELIVERY" section provided at the end of the specifications.

The vacuum machine must be put in service by a qualified representative of the contractor at the delivery location. The representative must demonstrate that the vacuum machine and all installed equipment are operating correctly, with no defects in materials or installation. The representative must operate all the installed equipment on each vehicle, and instruct TNCC personnel in operation, safety requirements, and maintenance of the equipment.

Products provided must be warranted with the supplier's best warranty offered, to provide no-cost protection to the Commonwealth for correction or replacement as needed for defects in manufacturing, assembly, or parts. Provide documentation of warranty for the products offered in answer to this invitation for bid at the "WARRANTY" section following the specifications.

SPECIFICATIONS:

| <u>Specifications Data</u> | <u>Equivalent Item Data</u> |
|--|------------------------------------|
| Provide a ride-on vacuum litter collecting machine, MadVac model LR50, or equivalent. Any machine offered as an equivalent must meet or exceed the following minimum requirements: | |
| 1. Diesel engine, 28 horsepower, liquid cooled | |
| 2. Key starting, 12 volt electric start | |
| 3. 12 volt fused electrical system, with engine mounted alternator | |
| 4. Minimum 450 CCA 12Volt battery | |
| 5. Color coded wiring with weatherproof connectors | |
| 6. Hydrostatic 2-wheel drive system, forward and reverse | |
| 7. Hydraulic oil cooler | |
| 8. 10 gallon fuel tank | |
| 9. Foot operated disc brakes | |
| 10. Mechanical parking brake | |
| 11. 110 gallon litter capacity volume | |
| 12. Tilt-out access to removable, disposable litter bag(s) | |
| 13. 48" wide vacuum head | |
| 14. 8" diameter main vacuum hose | |
| 15. 270 degrees main vacuum hose movement, spring assisted | |
| 16. Adjustable vacuum hose handle | |
| 17. Power steering, with steering wheel | |
| 18. Driver seat with back rest and retractable seat belt | |
| 19. ROPS rollover protection for operator | |
| 20. Retractable off-machine use auxiliary vacuum hose, 5 inches diameter x 15 ft. minimum length | |
| 21. Back-up alarm | |
| 22. Airborne dust suppression system | |

- 23. Headlights and tail lights
- 24. Fuel gauge and hour meter
- 25. Engine warning lights

TOTAL BASIC UNIT PRICE SECTION

TOTAL PRICE:

TOTAL PRICE FOR (1) RIDING LITTER VACUUM MACHINE AND ALL EQUIPMENT PER SPECIFICATIONS, INCLUDING DELIVERY \$ _____

Optional Equipment – Price items separately

Price per item

| | |
|---|----------|
| ROPS cab enclosure with roof and windshield | \$ _____ |
| Cab enclosure doors | \$ _____ |
| Fence line vacuum nozzle | \$ _____ |
| Power assist main vacuum arm | \$ _____ |
| Four wheel drive | \$ _____ |
| Leaf collection system | \$ _____ |
| Broom and rake holder | \$ _____ |
| Amber strobe light | \$ _____ |

DELIVERY SECTION:

DELIVERY TIME ARO FOR LITTER VACUUM MACHINE..... _____

DESCRIPTION OF WARRANTY:
